

1 Minute



4 Safety

# Effective Use of the Chemical Fume Hood



The *chemical fume hood* is the primary engineering control for minimizing exposures to hazardous airborne materials in the laboratory.

To make sure that you achieve the maximum protection from your chemical fume hood, each time you use the hood be sure to

- ✓ **Keep the hood work surface free of clutter.** Keep the airfoil and the slots at the back of the hood open. Do not let materials in the hood block them.
- ✓ **Work at least 6" inside of the plane of the sash.**
- ✓ **Pull the sash down and keep it between you and your work.** Check the flow monitor; minimum velocity is 100 fpm.
- ✓ **Stop Work and Call the Work Request Center** (x6274) if:
  - the flow is below 100 fpm, or
  - the alarm sounds and lowering the sash doesn't fix it.
- ✓ **Keep only materials that give off vapors or gases in the hood.** Use appropriate storage cabinets for non-volatile materials.

For more information,

see the CHSP via the LBNL A-to-Z Index or contact Larry McLouth x5286

